

Using the Chop Saw

1. Wear your protective equipment including ear defenders, dust mask and goggles.
2. Switch off and remove the plug from the socket before making adjustments or fitting or changing the wheel.
3. Check that the cutting wheel is fitted correctly and that the guard is properly adjusted.
4. If your machine is set to cut angles or bevels, make sure that the appropriate locking screws are tight.
5. Make sure that the metal you are going to cut is securely clamped in the vice.
6. Make sure that the wheel is running at full speed before lowering it carefully onto the surface to be cut.
7. Be prepared for the reactive force when the wheel contacts the surface to be cut.
8. If the saw starts to labour and slow down, do not force it so hard. Do not overload the saw.
9. When you come towards the end of the cut, release some of the pressure on the handle and be prepared for the wheel to come free from the material.
10. Stop the saw if someone approaches you.
11. Keep the cable clear of the cutting wheel.
12. If you think the cable may be cut or damaged in any way, switch off and unplug at the socket before inspecting it. If the cable attached to the chapsaw is damaged, stop using the machine. Contact the hire company. If an extension cable has been damaged, do not use it again.
13. Take care not to accidentally pull the plug from the socket.
14. After switching off, wait for the wheel to stop completely before you make any adjustments.
15. Switch off and remove the plug from the socket before leaving the chapsaw unattended.
16. If your equipment does not work properly do not attempt to repair it. Contact the hire company.

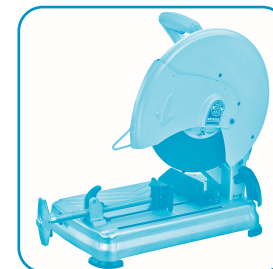
Please keep this leaflet safely as it may be required for future reference

Chop Saw

The rules and procedures in force where people are at work may require the person responsible for this equipment to carry out a specific risk assessment.

It is important to read this entire leaflet BEFORE using the Chop Saw

1. Plan your work and think ahead to make sure you will always be working safely.
2. Electricity is dangerous and must always be used with great care.
3. This chapsaw is designed to cut steel, cast iron, and similar materials using the appropriate reinforced abrasive wheel.
4. The action of this chapsaw can cause injury or damage if the machine is not used in a careful and controlled way.
5. If you have not used a chapsaw before, familiarise yourself with the machine on some straightforward work before you start on the main task.
6. You must have at least the following items of personal protective equipment: impact resistant goggles: EN166 – B or BS2092 grade 1; dust mask – a minimum of EN149 FFP3(s) protection; ear muffs or plugs giving protection for levels up to 100dB(A); rcd if using a 230 volt (mains) supply.
7. This chapsaw must not be used by minors, or by anyone under the influence of drugs or alcohol.
8. This chapsaw is designed for operation by an able bodied adult. Anyone with either temporary or permanent disability must seek expert advice being using it.



WORK AREA

1. Do not use this chapsaw where there is a danger of explosion. It will ignite fumes from petrol, or gas cylinders.
2. Make sure that the area is clear and safe and that no-one is near to you or could distract you.
3. Protect other people from the noise and dust. Warn others to keep away.
4. Make sure that the chapsaw is sited safely and securely and will not move around while you are using it.
5. Do not use this saw in the rain or where it might get wet.

OPERATORS

1. The following items of personal protective equipment (ppe) are the minimum that should be worn whenever you use this machine. Particular jobs or environments may require a higher level of protection.
2. You must wear impact safety resistant goggles (EN166 – B or BS2092 grade 1) when you are working with this chapsaw.
3. This chapsaw is likely to cause noise levels up to 100dB(A) – wear appropriate ear muffs or plugs giving hearing protection for this level as a minimum.
4. You will also need to wear an appropriate dust mask (with a minimum of EN149 FFP3(s) protection) when you are cutting material that causes dust.
5. Anybody who is working near to you will also need to wear appropriate personal protective equipment.

CHOPSAW

1. Check your saw, cables, plugs and cutting wheels. If anything is found damaged, do not use the chapsaw – contact the hire company.

Before Starting Work...



2. Check that the plug on your saw matches your supply. Do not try to force connections or improvise them.
3. Saws with a cylindrical yellow industrial plug fitted are designed to run off a special 110v supply. The hire company will have provided a portable transformer if you need to power the machine from a normal mains 230v supply. If a portable transformer has been supplied, take care not to injure yourself when moving it about – it may be heavier than you think. Saws designed to run directly from 230v mains will have either a normal square pin plug fitted, or a blue industrial plug.
4. The metal you are going to cut must always be securely clamped in the vice.
5. Check on how the on/off switch operates – before you switch the saw on, you must know how to stop it.

CUTTING WHEELS

1. You must not fit or change any abrasive wheel unless you are competent to do so.
2. Do not fit the cutting wheel until you are at the work location, ready to start work.
3. Switch off and remove the plug from the socket before making adjustments or changing the cutting wheel.
4. Make sure you use the correct type of reinforced cutting wheel recommended by the hire company for the material being cut.

5. Look at the speed stated on the label of the cutting wheel you are using, and the speed shown on the chapsaw. Check that the cutting wheel is certified to a higher speed than that shown on the machine.
6. Abrasive wheels fitted to this chapsaw are for cutting on the edge only. Any side pressure could shatter them. Do not try to carry out any grinding work.
7. Make sure the guards around the wheel are in place and adjusted correctly.

ELECTRICAL SAFETY

Your machine will only operate on one voltage: it will be 110v or 230v. 100v machines will have a yellow industrial plug fitted. 230v machines will have either a normal square pin plug fitted, or a blue industrial plug. Read the instructions below for your machine.



110 VOLT MACHINES (YELLOW PLUG)

1. If you are using a portable transformer, plug the transformer directly into the 230 volt socket. Do not use any 230v extension cables.
2. If you need to use an extension cable, follow any special instructions given by the hire company. If the hire company have not given any special instructions, you should only use a suitable rated heavy duty 100v extension cable, not

longer than 50 metres (160 feet). You must only use an extension cable between the transformer and the machine.

3. Lay the extension cable out carefully avoiding liquids, sharp edges, doorways or windows where it might be trapped, and places where vehicles might run over it. Unroll it fully or it will overheat and could catch fire.
4. Make sure that any extension cable connections are dry and safe.

230 VOLT MACHINES (SQUARE PIN OR BLUE PLUG)

1. Use a residual current device ("rcd") plugged directly in to the 230 volt socket. Plug your machine into the rcd. This will help to protect you against electric shock if the cable or machine get damaged.
2. If you need to use an extension cable, follow any special instructions given by the hire company. If the hire company have not given any special instructions, you should only use a suitable rated heavy duty 100v extension cable, not longer than 50 metres (160 feet). Plug it directly into the rcd.
3. Lay it out carefully avoiding liquids, sharp edges, doorways or windows where it might be trapped, and places where vehicles might run over it. Unroll it fully or it will overheat and cold catch fire.
4. Make sure that any extension cable connections are dry and safe.

